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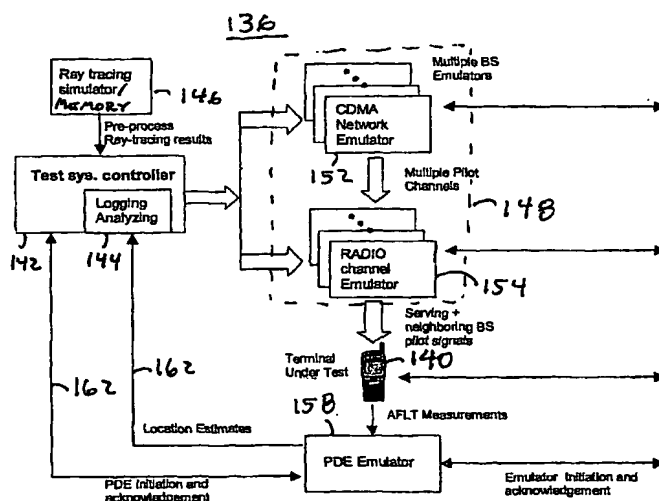
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(54) Title: APPARATUS, AND ASSOCIATED METHOD, FOR TESTING A MOBILE TERMINAL IN TEST CONDITIONS
THAT EMULATE AN OPERATING ENVIRONMENT



(57) **Abstract:** An emulating system comprising a network emulator (152) for emulating multiple test signals. Each test signal is associated with a communication channel of a base transceiver station having geographic coordinates within the specific geographic area. A channel emulator (154) for processing each test signal using simulation data and generating a channel response signal for each test signal indicating the effect of the simulation data. Wherein the simulation data comprises interference parameters that represent reflective, diffractive, path loss, diffusive and Doppler effect properties created by selectable obstructions over a selectable distance D between the mobile device and the base transceiver station and the vector summation of these properties. A position detection emulator (158) for calculating positional coordinates based on each channel signal generated and the geographic coordinates of each base transceiver station.



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